

WEST Search History

DATE: Friday, February 25, 2005

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L22	l20 not l16	2
<input type="checkbox"/>	L21	phosphotrans\$ near10 sucrose	16
<input type="checkbox"/>	L20	phosphotrans\$ with sucrose	27
<input type="checkbox"/>	L19	L18 not l17 not l15	7
<input type="checkbox"/>	L18	L16 and pts	9
<input type="checkbox"/>	L17	L16 and (brevibacterium or corynebacterium)	3
<input type="checkbox"/>	L16	phosphotransferase with sucrose	25
<input type="checkbox"/>	L15	phosphotransferase with (brevibacterium or corynebacterium)	5
<input type="checkbox"/>	L14	L13 and (sequence or gene)	386
<input type="checkbox"/>	L13	L12 and sucrose	390
<input type="checkbox"/>	L12	phosphotransferase and (brevibacterium or corynebacterium)	996
	<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L10	6696561	1
	<i>DB=PGPB; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L9	20040030116	1
<input type="checkbox"/>	L8	L6 and corynebacterium	5
<input type="checkbox"/>	L2	nakagawa.in.	1230

END OF SEARCH HISTORY

\$%^STN;HighlightOn= ***;HighlightOff=*** ;

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1800EXS

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 4 OCT 28 KOREAPAT now available on STN
NEWS 5 NOV 30 PHAR reloaded with additional data
NEWS 6 DEC 01 LISA now available on STN
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004
NEWS 8 DEC 15 MEDLINE update schedule for December 2004
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and
February 2005
NEWS 17 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks
(ROSPATENT) added to list of core patent offices covered
NEWS 18 FEB 10 STN Patent Forums to be held in March 2005
NEWS 19 FEB 16 STN User Update to be held in conjunction with the 229th ACS
National Meeting on March 13, 2005

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 20:46:49 ON 25 FEB 2005

=> fil .eliz

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'MEDLINE' ENTERED AT 20:47:00 ON 25 FEB 2005

FILE 'SCISEARCH' ENTERED AT 20:47:00 ON 25 FEB 2005

Copyright (c) 2005 The Thomson Corporation.

FILE 'LIFESCI' ENTERED AT 20:47:00 ON 25 FEB 2005
COPYRIGHT (C) 2005 Cambridge Scientific Abstracts (CSA)

FILE 'BIOTECHDS' ENTERED AT 20:47:00 ON 25 FEB 2005
COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'BIOSIS' ENTERED AT 20:47:00 ON 25 FEB 2005
Copyright (c) 2005 The Thomson Corporation.

FILE 'EMBASE' ENTERED AT 20:47:00 ON 25 FEB 2005
COPYRIGHT (C) 2005 Elsevier Inc. All rights reserved.

FILE 'HCAPLUS' ENTERED AT 20:47:00 ON 25 FEB 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'NTIS' ENTERED AT 20:47:00 ON 25 FEB 2005
Compiled and distributed by the NTIS, U.S. Department of Commerce.
It contains copyrighted material.
All rights reserved. (2005)

FILE 'ESBIOBASE' ENTERED AT 20:47:00 ON 25 FEB 2005
COPYRIGHT (C) 2005 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'BIOTECHNO' ENTERED AT 20:47:00 ON 25 FEB 2005
COPYRIGHT (C) 2005 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'WPIDS' ENTERED AT 20:47:00 ON 25 FEB 2005
COPYRIGHT (C) 2005 THE THOMSON CORPORATION

=> s phosphotransferase (5a) sucrose
L1 369 PHOSPHOTRANSFERASE (5A) SUCROSE

=> s l1 and (brevibacterium or corynebacterium)
L2 12 L1 AND (BREVIBACTERIUM OR CORYNEBACTERIUM)

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3 6 DUP REM L2 (6 DUPLICATES REMOVED)

=> d 1-6

L3 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:265608 HCAPLUS

DN 134:306172

TI ***Corynebacterium*** thermoaminogenes genes for enzymes involved in
amino acid biosynthesis, recombinant expression for L-amino acid
biosynthesis

IN Hirano, Seiko; Nonaka, Gen; Matsuzaki, Yumi; Akiyoshi, Naoki; Nakamura,
Kanae; Kimura, Eiichiro; Osumi, Tsuyoshi; Matsui, Kazuhiko; Kawahara,
Yoshio; Kurahashi, Osamu; Nakamatsu, Tsuyoshi; Sugimoto, Shinichi

PA Ajinomoto Co., Inc., Japan

SO PCT Int. Appl., 215 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001025447	A1	20010412	WO 2000-JP6913	20001004
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 2000075561	A5	20010510	AU 2000-75561	20001004
	EP 1219712	A1	20020703	EP 2000-964654	20001004
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			

BR 2000014496 A 20020820 BR 2000-14496 20001004
PRAI JP 1999-282716 A 19991004
JP 1999-311147 A 19991101
JP 2000-120687 A 20000421
WO 2000-JP6913 W 20001004

RE.CNT 96 THERE ARE 96 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:31660 HCAPLUS

DN 134:96288

TI ***Brevibacterium*** lactofermentum gene ptsII_{suc}, encoding enzyme II
of the ***sucrose*** phosphoenolpyruvate-dependent
phosphotransferase system

IN Izui, Masako; Sugimoto, Masakazu; Nakamatsu, Tsuyoshi; Kurahashi, Osamu

PA Ajinomoto Co., Inc., Japan

SO PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001002584	A1	20010111	WO 2000-JP4348	20000630
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1197555	A1	20020417	EP 2000-940903	20000630
	R: BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 2000012020	A	20020702	BR 2000-12020	20000630
PRAI	JP 1999-189512	A	19990702		
	WO 2000-JP4348	W	20000630		

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 1998:714378 HCAPLUS

DN 130:109230

TI L-Lysine experimental yields by ***Corynebacterium*** glutamicum on carbon substrates

AU Ruklisha, M.; Ionina, R.

CS Institute of Microbiology and Biotechnology, University of Latvia, Riga, LV-1586, Latvia

SO Mededelingen - Faculteit Landbouwkundige en Toegepaste Biologische Wetenschappen (Universiteit Gent) (1998), 63(4a), 1341-1344

CODEN: MFLBER; ISSN: 1373-7503

PB Universiteit Gent, Faculteit Landbouwkundige en Toegepaste Biologische Wetenschappen

DT Journal

LA English

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 6 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN DUPLICATE 1

AN 96:726064 SCISEARCH

GA The Genuine Article (R) Number: VK372

TI COMPLETE ***SUCROSE*** METABOLISM REQUIRES FRUCTOSE
PHOSPHOTRANSFERASE ACTIVITY IN ***CORYNEBACTERIUM***
-GLUTAMICUM TO ENSURE PHOSPHORYLATION OF LIBERATED FRUCTOSE

AU DOMINGUEZ H; LINDLEY N D (Reprint)

CS CTR BIOINGN GILBERT DURAND, UMR CNRS, COMPLEXE SCI RANGUEIL, F-31077 TOULOUSE 4, FRANCE (Reprint); CTR BIOINGN GILBERT DURAND, UMR CNRS, F-31077 TOULOUSE 4, FRANCE; INST NATL SCI APPL, LAB ASSOCIE INST NATL RECH AGRON, F-31077 TOULOUSE 4, FRANCE

CYA FRANCE

SO APPLIED AND ENVIRONMENTAL MICROBIOLOGY, (OCT 1996) Vol. 62, No. 10, pp. 3878-3880.
ISSN: 0099-2240.

DT Article; Journal
FS LIFE; AGRI
LA ENGLISH
REC Reference Count: 17
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L3 ANSWER 5 OF 6 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
AN 1990-10687 BIOTECHDS
TI Effects of carbon source sugars on the yield of amino acid production and
sucrose metabolism in ***Brevibacterium*** flavum;
L-phenylalanine and L-glutamic acid production
AU Shiio I; Sugimoto S; Kawamura K
CS Ajinomoto
LO Central Research Laboratories of Ajinomoto Co., Inc., Kawasaki-ku,
Kawasaki, Kanagawa 210, Japan.
SO Agric.Biol.Chem.; (1990) 54, 6, 1513-19
CODEN: ABCHA6
DT Journal
LA English

L3 ANSWER 6 OF 6 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
AN 1988-00924 BIOTECHDS
TI Phosphoenolpyruvate: sugar-phosphotransferase systems and sugar
metabolism in ***Brevibacterium*** flavum;
an industrial amino acid producer
AU Mori M; Shiio I
CS Ajinomoto
LO Central Research Laboratories, Ajinomoto Co., Ltd., Kawasaki-ku,
Kawasaki, Kanagawa 210, Japan.
SO Agric.Biol.Chem.; (1987) 51, 10, 2671-78
CODEN: ABCHA6
DT Journal
LA English

=> d 4 ab

L3 ANSWER 4 OF 6 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on
STN DUPLICATE 1
AB Sucrose uptake by ***Corynebacterium*** glutamicum involves a
phosphoenolpyruvate-dependent ***sucrose*** ***phosphotransferase***
(PTS), but in the absence of fructokinase, further metabolism of the
liberated fructose requires efflux of the fructose and reassimilation via
the fructose PTS. Mutant strains lacking detectable fructose-transporting
PTS activity accumulated fructose extracellularly but consumed sucrose at
rates comparable to those of the wild-type strain.

=> dis his

(FILE 'HOME' ENTERED AT 20:46:49 ON 25 FEB 2005)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,
NTIS, ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 20:47:00 ON 25 FEB 2005

L1 369 S PHOSPHOTRANSFERASE (5A) SUCROSE
L2 12 S L1 AND (BREVIBACTERIUM OR CORYNEBACTERIUM)
L3 6 DUP REM L2 (6 DUPLICATES REMOVED)

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

29.39

29.60

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 20:53:01 ON 25 FEB 2005